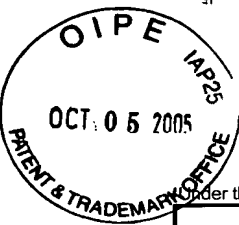


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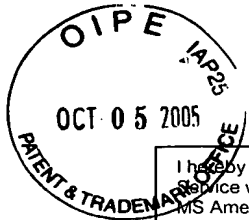
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| <h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p> | Application Number | 10/614333-Conf. #5952 |
| | Filing Date | July 3, 2003 |
| | First Named Inventor | R. Rogers YOCUM |
| | Art Unit | 1632 |
| | Examiner Name | Not Yet Assigned |
| Total Number of Pages in This Submission | Attorney Docket Number | BGI-154B |

| ENCLOSURES (Check all that apply) | | |
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| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|-------------------------|----------|--------|
| Firm Name | LAHIVE & COCKFIELD, LLP | | |
| Signature | | | |
| Printed name | Debra J. Milasincic | | |
| Date | October 3, 2005 | Reg. No. | 46,931 |

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Signature: _____

(Debra J. Milasindic)

Docket No.: BGI-154B
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
R. Rogers Yocum *et al.*

Application No.: 10/614333

Confirmation No.: 5952

Filed: July 3, 2003

Art Unit: 1632

For: MICROORGANISMS AND PROCESSES
FOR ENHANCED PRODUCTION OF
PANTOTHENATE

Examiner: Not Yet Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. BGI-154B. A duplicate copy of this paper is enclosed.

Dated: October 3, 2005

EAH/DJM/DLN

Respectfully submitted,

By

Debra J. Milasincic

Registration No.: 46,931

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Boston, Massachusetts 02109

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Attorney/Agent For Applicant



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| | | | | Application Number | 10/614333-Conf. #5952 |
| | | | | Filing Date | July 3, 2003 |
| | | | | First Named Inventor | R. Rogers YOCUM |
| | | | | Art Unit | 1632 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | BGI-154B |

| U.S. PATENT DOCUMENTS | | | | | |
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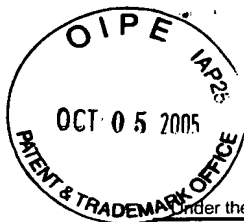
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| | C1 | Teller, Joel H. et al., "Ketopantoate Hydroxymethyltransferase, I. Purification and Role in Pantothenate Biosynthesis," <i>The Journal of Biological Chemistry</i> , Vol. 251(12):3780-3785 (June 1976) | | | |
| | C2 | Powers, Sue et al., "Ketopantoate Hydroxymethyltransferase, II. Physical, Catalytic, and Regulatory Properties," <i>The Journal of Biological Chemistry</i> , Vol. 251(12):3786-3793 (June 1976) | | | |
| | C3 | Genschel, Ulrich et al., "The final step of pantothenate biosynthesis in higher plants: cloning and characterization of pantothenate synthetase from <i>Lotus japonicus</i> and <i>Oryza sativum</i> (rice)," <i>Biochem. J.</i> , Vol. 341:669-678 (1999) | | | |
| | C4 | Sahm, Hermann et al., "D-Pantothenate Synthesis in <i>Corynebacterium glutamicum</i> and Use of panBC and Genes Encoding L-Valine Synthesis for D-Pantothenate Overproduction," <i>Applied and Environmental Microbiology</i> , Vol. 65(5):1973-1979 (1999) | | | |
| | C5 | Holmes, William B. et al., "Cloning and Characterization of Methenyltetrahydrofolate Synthetase from <i>Saccharomyces cerevisiae</i> ," <i>The Journal of Biological Chemistry</i> , Vol. 277(23):20205-20213 (2002) | | | |
| | C6 | Song, Woo-Joo et al., "Kinetics and Regulation of Pantothenate Kinase from <i>Escherichia coli</i> ," <i>The Journal of Biological Chemistry</i> , Vol. 269(43):27051-27058 (1994) | | | |
| | C7 | Dusch, Nicole et al., "Expression of the <i>Corynebacterium glutamicum</i> panD Gene Encoding L-Aspartate- α -Decarboxylase Leads to Pantothenate Overproduction in <i>Escherichia coli</i> ," <i>Applied and Environmental Microbiology</i> , Vol. 65(4):1530-1539 (1999) | | | |
| | C8 | Ottenhof, Harald H. et al., "Organisation of the pantothenate (vitamin B ₅) biosynthesis pathway in higher plants," <i>The Plant Journal</i> , Vol. 37:61-72 (2003) | | | |

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Application No. (if known): 10/614333

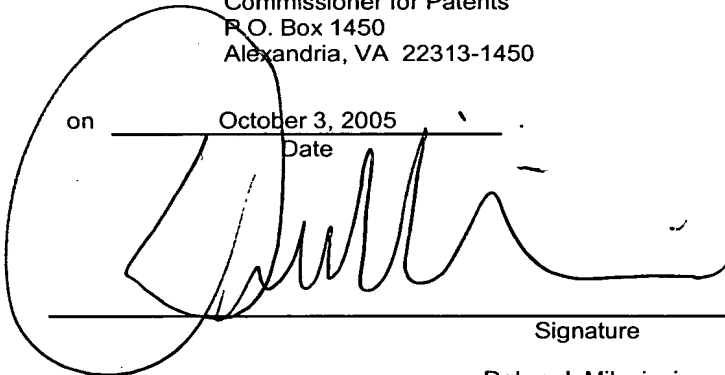
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